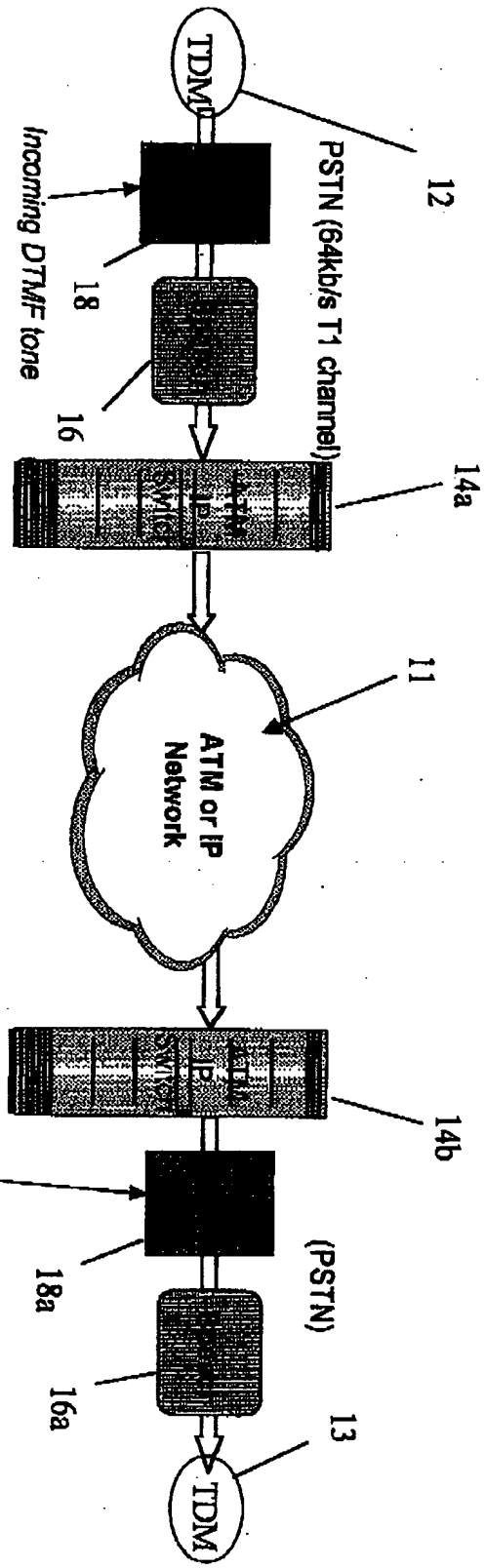

Figure 1

09475620 - 020201

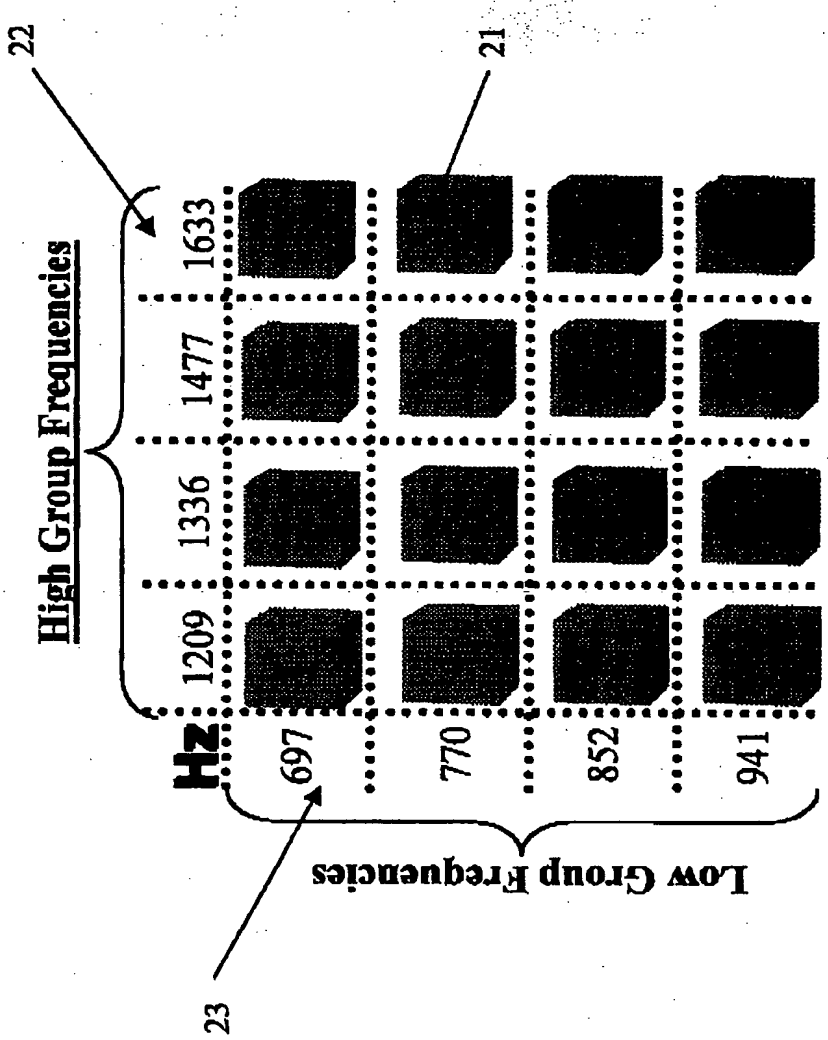
22
21
High Group Frequencies
1633
1477
1336
1209
Hz
697
770
852
941
Low Group Frequencies
23

Figure 2

T-020 P.027/033 F-045

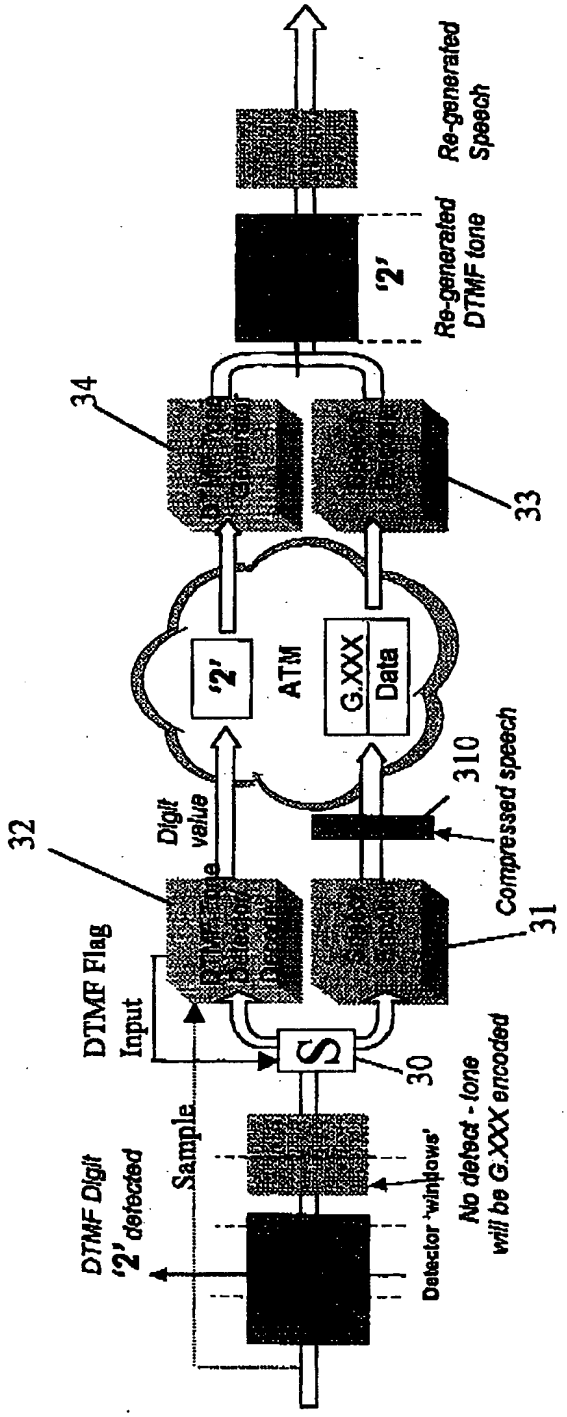

Figure 3

T-026 P.028/033 F-050

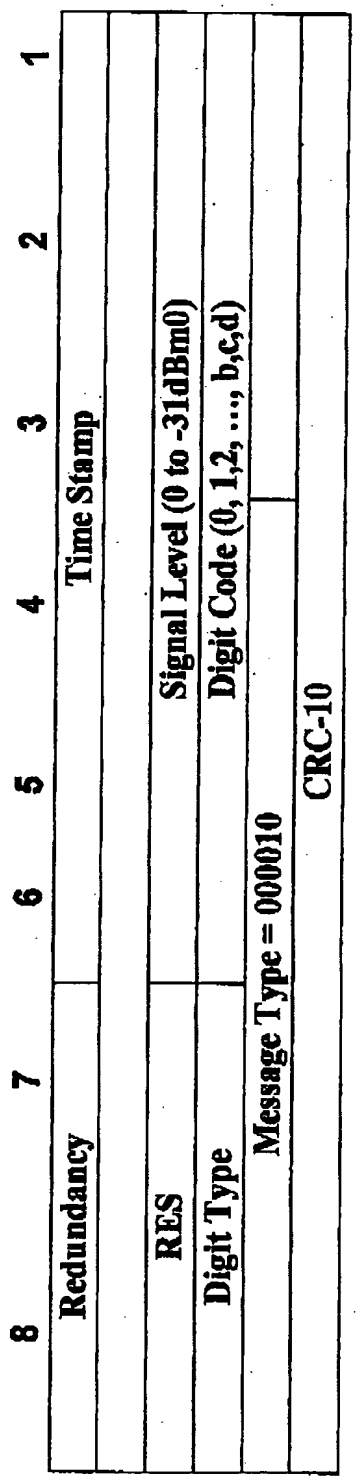

Figure 4

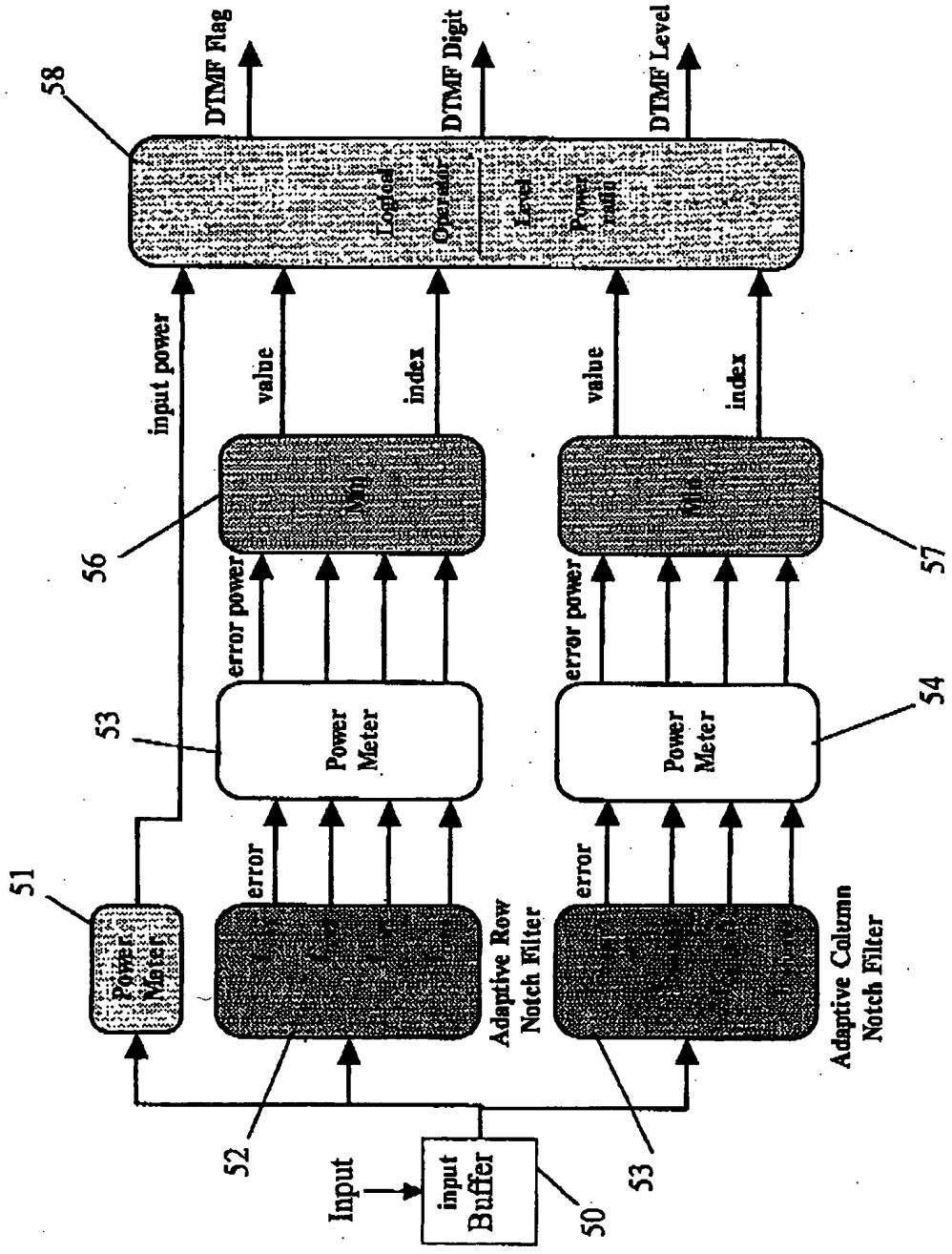
DTMF Flag
DTMF Digit
DTMF Level
58
Logical Operator
Level
Power
Twist
input power
value
index
value
index
56
57
error power
error power
53
54
Power Meter
Power Meter
Power Meter
error
error
51
Adaptive Row Notch Filter
Adaptive Column Notch Filter
52
53
Input
input Buffer
50

Figure 5

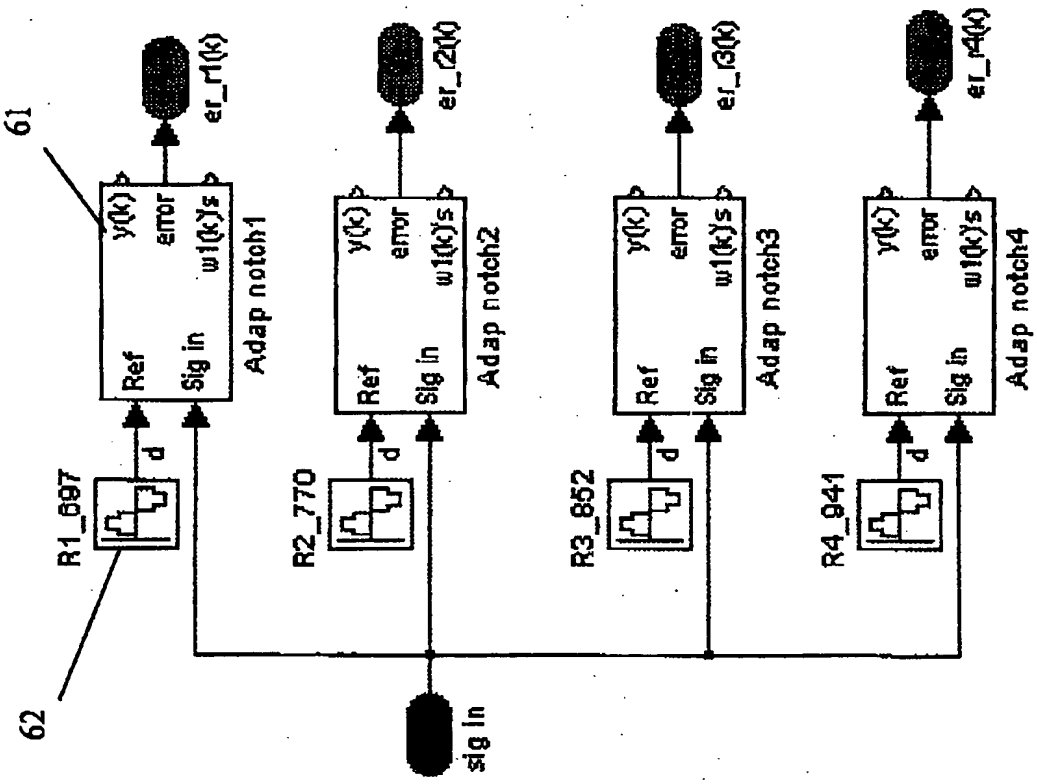
61
62
er_r1(k)
er_r2(k)
er_r3(k)
er_r4(k)
y(k)
error
w1(k)'s
Ref
Sig in
Adap notch1
Adap notch2
Adap notch3
Adap notch4
d
R1_697
R2_770
R3_852
R4_941
sig in

Figure 6

EP0626760 = 09/02/2001

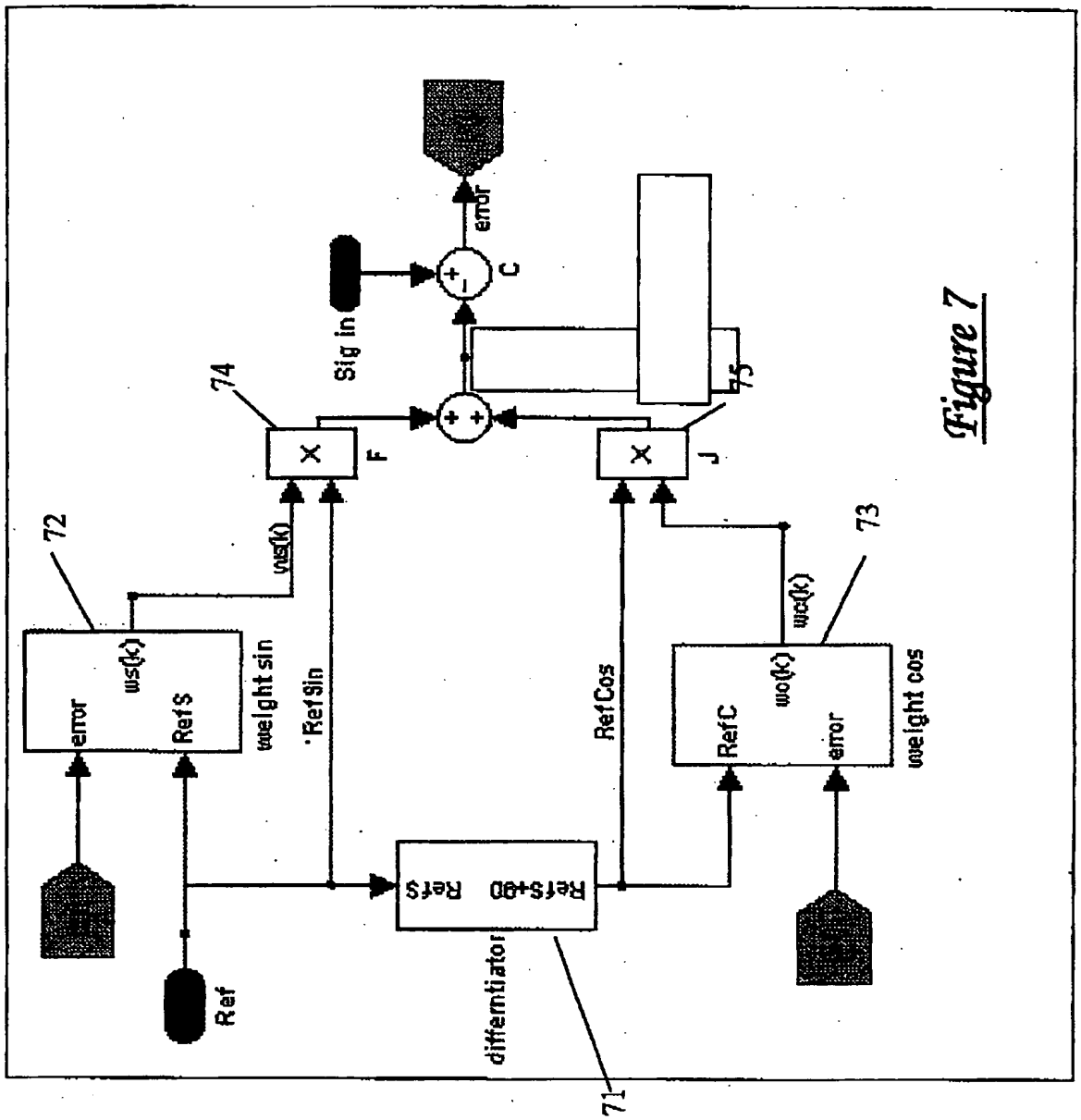

Figure 7

EP020020 "020394A1"

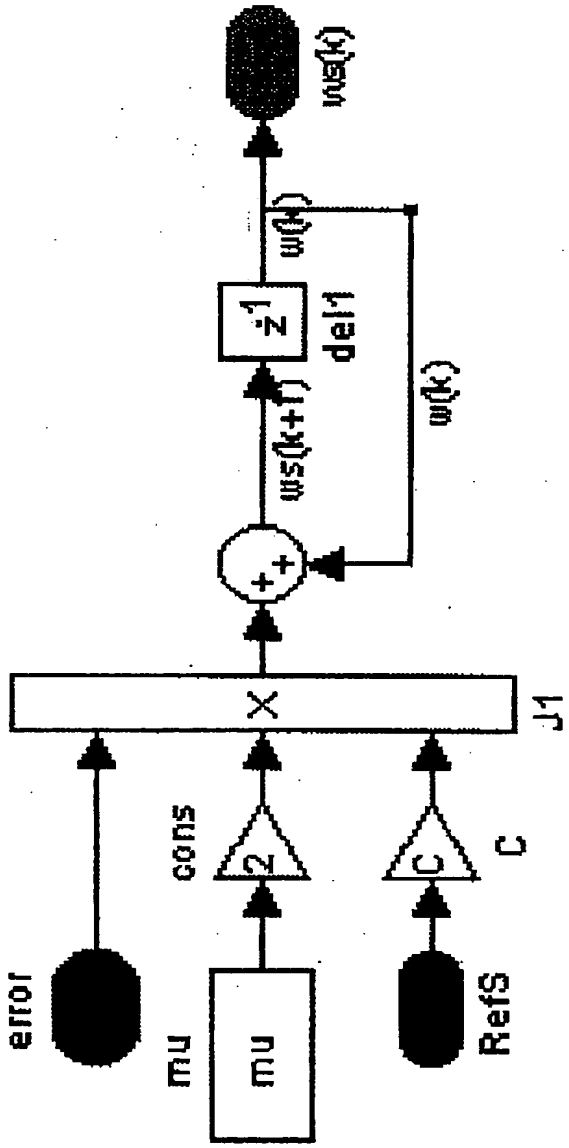

Figure 8

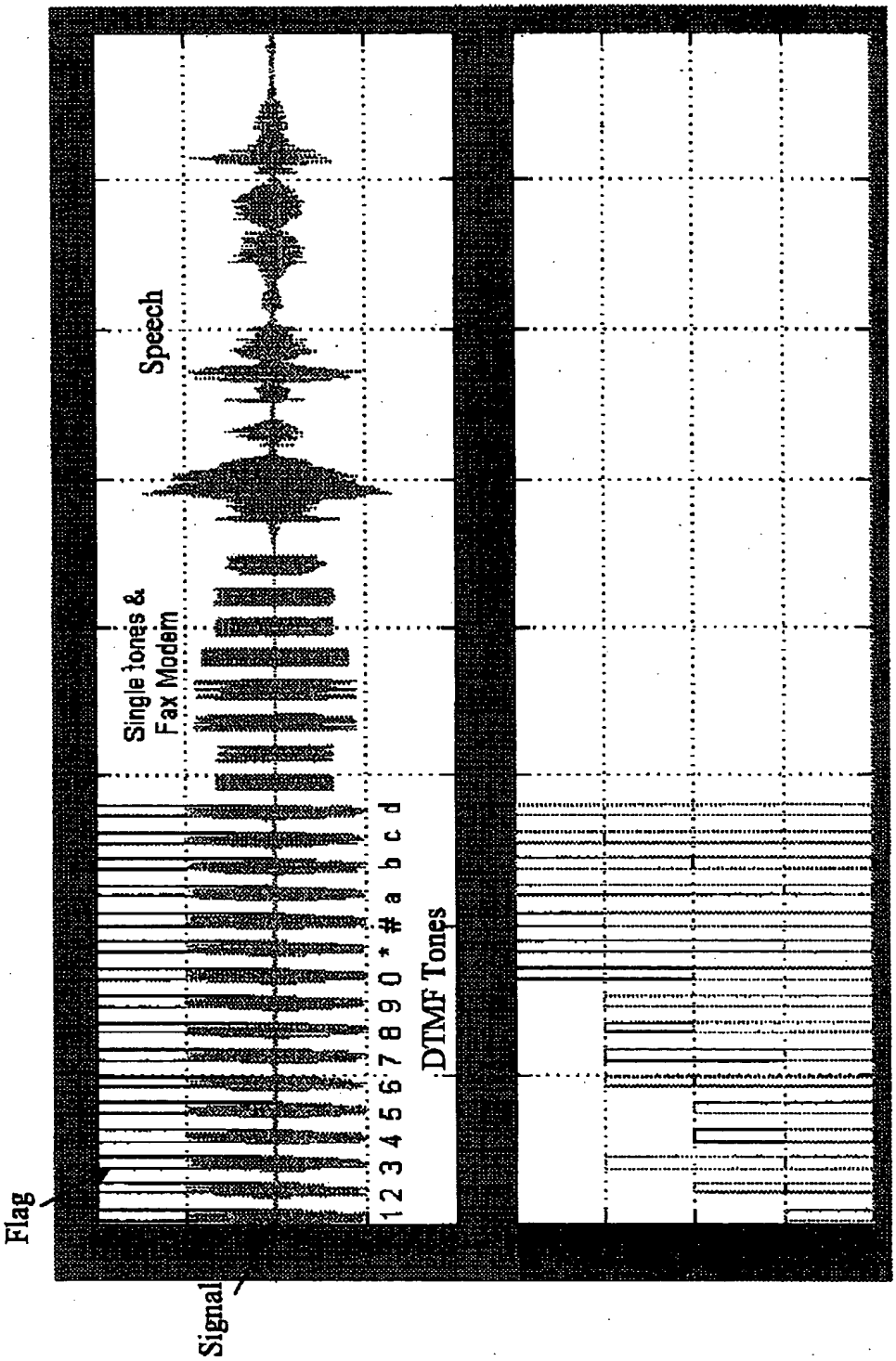
Speech
Single tones &
Fax Modem
1 2 3 4 5 6 7 8 9 0 * # a b c d
DTMF Tones
Flag
Signal

Figure 9